

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/008225

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> H02M3/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> H02M3/00-3/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1160964 A2 (SONY CORP.),	1-3, 5-7, 11
Y	05 December, 2001 (05.12.01),	4
A	Par. Nos. [0027] to [0039]; Figs. 3, 4 & JP 2001-346329 A & US 2002/0008979 A1 & CN 1327289 A	8-10
Y	JP 2003-164150 A (Nichicon Corp.), 06 June, 2003 (06.06.03), Par. Nos. [0009] to [0020]; Fig. 1 (Family: none)	4
A	JP 2003-52174 A (Fuji Electric Co., Ltd.), 21 February, 2003 (21.02.03), Par. Nos. [0004] to [0010]; Fig. 6 (Family: none)	1-11

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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Date of the actual completion of the international search  
03 September, 2004 (03.09.04)Date of mailing of the international search report  
21 September, 2004 (21.09.04)Name and mailing address of the ISA/  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-228873 A (Sharp Corp.), 15 August, 2000 (15.08.00), Par. Nos. [0066] to [0093]; Figs. 6 to 9 (Family: none)	1-11
A	JP 2000-23461 A (Hitachi, Ltd., Hitachi Tohbu Semiconductor, Ltd.), 21 January, 2000 (21.01.00), Full text; Figs. 1 to 5 (Family: none)	1-11